

**SECRET**

conducting PCR amplification by mixing a plurality of pairs of primers with a sample, said primers being suitable for amplifying different base sequences by PCR individually;

detecting spots on said substrate in which hybridization occurs.

processing a fluorescent material to enter in double-stranded DNA;  
and

3. The method of detecting PCR-amplified base sequences according to claim 1, wherein each of said primers has a base number in a range from 10 to 30.

5. A detection kit for detecting PCR-amplified base sequences, comprising:  
a container containing a mixture of at least three types of primers,  
including: two types of primers suitable for amplifying a first base sequence  
specifically by PCR; and two types of primers suitable for amplifying a

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